Physics 112 **Problem Set #1** **Winter 2000**

DUE: THURSDAY JANUARY 13, 2000

All problems are taken from Baierlein unless otherwise indicated. *In order to earn total credit for a problem solution, you must show all work involved in obtaining the solution.* Late homework received before Tuesday January 18 will be graded at half credit. No homework sets accepted after solution sets are handed out.

1. Chapter 1, problem 1 (p. 21)

2. Chapter 1, problem 2 (pp. 21–22)

3. Chapter 1, problem 4 (p. 22).

4. Chapter 1, problem 5 (p. 22).

5. Chapter 1, problem 8 (p. 23).

6. Chapter 2, problem 3 (pp. 47–48).

7. Chapter 2, problem 7 (pp. 48–49).